

## DAILY FIELD ACTIVITY REPORT

**PROJECT NAME:** Pre-Remedial Design Investigation and Baseline Sampling, Portland Harbor Superfund Site

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| <b>DATE:</b> April 13, 2018  | <b>WEATHER:</b> Cloudy with intermittent wind and light rain, high ~55 degrees F |
| <b>Personnel and Visitors Onsite:</b><br>Research vessel Cayuse - (no oversight representative) <u>AECOM</u> : Bruce Cassen; <u>Geosyntec</u> : Erin Dunbar; <u>Gravity Marine</u> : Ed Sloan, Peter Jenkins<br><br>Research vessel Tieton - <u>CDM Smith</u> : Julee Trump; <u>AECOM</u> : Nicky Moody; <u>Geosyntec</u> : Alison Clements; <u>Gravity Marine</u> : Rene Trudeau, John Schaefer<br><br>Survey vessel River Hawk - (no oversight representative) <u>Geosyntec</u> : Luke Smith; <u>DEA</u> : Jason Dorfman, David Moehl  |  |
| <b>Planned Activity:</b> <ul style="list-style-type: none"><li>Collect surface sediment samples at stratified random sample locations between river mile (RM) 5 and 6.</li><li>Continue near shore bathymetric survey.</li></ul>   |  |
| <b>Activity Completed:</b> <p>A tailgate safety meeting was led by AECOM. The JHA for sediment sampling was reviewed and boat orientation was provided for a new crew member on the Cayuse. Lessons learned discussion included housekeeping and slips trips and falls. Tailgate meeting was attended by all those listed under Personnel above. CDM Smith reviewed the sediment grab acceptance criteria in the FSP, primary grabs within 25-foot radius, 5 to 10 feet apart.</p> <p>Julee Trump performed oversight of surface sediment sampling at random stratified locations on the West side of on the Willamette River from 08:00 to 17:35 on board the Tieton. Specific activities completed by the AECOM/Geosyntec team, with vessel support from Gravity Marine, are as follows:</p> <ul style="list-style-type: none"><li>3-point composite surface sediment samples were collected from five random stratified sampling locations between RM 5.5 and 5.8 West as summarized below. Activities included decontamination of sampling equipment using Alconox and deionized/distilled water and housekeeping of the sampling area.</li><li>Duplicate sample was collected (1 duplicate sample for every 20 primary samples).</li><li>PDI-SG-B153-BL1 was attempted, but is planned to be relocated to an alternate location after three failed grabs returning only rocks and cobbles in the 50 FT radius. The 25 FT radius was inaccessible due to an overlaying dock with docked tugboats. Only about 30% of the 50 FT radius was accessible.</li><li>Two locations were skipped due to crane operations in the area.</li></ul> <p>Julee Trump received updates from the Gravity crew of the Cayuse at 18:20, as AECOM/Geosyntec had returned to the lab. The following work was completed:</p> <ul style="list-style-type: none"><li>3-point composite surface sediment samples were collected from 5 or 6 random stratified sampling locations between approximately RM 5.2 and 5.5 East. Activities included decontamination of sampling equipment using Alconox and deionized/distilled water and housekeeping of the sampling area.</li><li>One sample was moved to an alternate location due to power grab penetration less than 20 cm.</li></ul> |  |
| <b>Status of Schedule &amp; Priority Work:</b> <ul style="list-style-type: none"><li>Random stratified sampling will continue through the week and into next week, progressing up the river.</li><li>Locations on private property are being skipped until access agreements are obtained.</li><li>Sampling is taking more time than initially projected.</li></ul>  |  |
| <b>Issues/Concerns/Resolutions (include work performed that was not planned or anticipated):</b><br>Docks and vessel moorage obscuring some primary stratified random sample locations.  |  |
| <b>Samples Collected, Measurements Made, Photographs: (List Locations, Matrix &amp; Sample type):</b><br>On the Tieton, stratified random surface sediment samples were collected at following locations between RM 5.5 and 5.8 on the West side of the channel (see image below for location information): <ul style="list-style-type: none"><li>PDI-SG-B152-BL1 – Sandy silt over silty sand, clam/muscle, scattered cobbles and gravel, trace woody debris, approximately 8 IN rock, asphalt roof shingle, one aliquot collected in 25 ft radius, two aliquots collected in the 50 FT radius</li></ul>  |  |

- PDI-SG-B157-BL1 – Sandy silt over black medium dense sand
- PDI-SG-B158-BL1 – Silt
- PDI-SG-B166-BL1 – Silt
- PDI-SG-B166-BL1-D – Duplicate of PDI-SG-B166-BL1
- PDI-SG-B165-BL1 – Silt
- All samples except PDI-SG-B152-BL1 were within the 25 FT sample location radius.
- Sediment descriptions are simplified descriptions. AECOM/Geosyntec collected detailed descriptions.

On the Cayuse, 5 or 6 stratified random surface sediment samples were collected at following locations RM 5.2 and 5.5 on the East side of the channel.

- One sample was moved and taken at an alternate location.

Near-shore bathymetric survey update was not available from the River Hawk crew at end of day, but was scheduled to be completed today or Saturday.

Photographs of work were taken throughout the day on board the Tieton and provided to EPA via email. Additional photos were taken and archived with a description included in the photolog Excel spreadsheet, which are maintained electronically in the ProjectWise project folder.

**Borings Completed (Include total footage drilled for each boring):**

None

**Wastes Generated and How Handled:**

- No petroleum sheen was observed on the Tieton. Excess sediment and debris in the power grab sampler and in the sampling bowls was rinsed back into the river per the FSP.
- Disposable gloves, paper towels, and other general trash was containerized in a trash bag and removed daily for disposal to a municipal waste management dumpster.

**Health and Safety Issues, Equipment Needs, Staffing:**

None, work conducted in accordance with the HASP and HASP addendum

**Signature:** Julee Trump

**DATE** April 13, 2018

